

PCT/US/04/12849

**Box No. VIII (ii) DECLARATION: ENTITLEMENT TO APPLY FOR AND BE GRANTED A PATENT**

*The declaration must conform to the standardized wording provided for in Section 212; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (ii). If this Box is not used, this sheet should not be included in the request.*

Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate:

in relation to this international application no. PCT/US04/12849

Griffin Analytical Technologies, Inc. is entitled to apply for and be granted a patent by virtue of the following:  
an assignment from:

BARKET, Jr., Dennis, 2306 Ottawa Drive, Lafayette, IN 47906, United States of America,  
dated 10 June 2004 (10.06.04); and

WELLS, J. Mitchell, 3636 Redondo Drive, Lafayette, IN 47905, United States of America,  
dated 10 June 2004 (10.06.04)

to Griffin Analytical Technologies, Inc.

This declaration is made for the purposes of all designations.

This declaration is continued on the following sheet, "Continuation of Box No. VIII (ii)".

PCT/US 04/12849

Box No. VIII (iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States of America)  
The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v)  
(in general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.

Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv))  
for the purposes of the designation of the United States of America:

I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.

This declaration is directed to the international application of which it forms a part (if filing declaration with application).

This declaration is directed to international application No. PCT/ US04/12849 ..... (if furnishing declaration pursuant to Rule 26ter).

I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.

I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization, day, month and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.

Prior Applications: US Serial No. 60/465,367, filed 25 April 2003 (25.04.03), entitled "Mass Spectrometry..... Instruments and Methods" .....

I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.

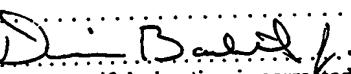
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name: Dennis Barket, Jr. ....

Residence: Lafayette, IN .....  
(city and either US state, if applicable, or country)

Mailing Address: 2306 Ottawa Drive .....  
Lafayette, IN 47906 .....

Citizenship: US .....

Inventor's Signature:   
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

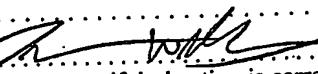
Date: 6/10/04 .....  
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

Name: J. Mitchell Wells .....

Residence: Lafayette, IN .....  
(city and either US state, if applicable, or country)

Mailing Address: 3636 Redondo Drive .....  
Lafayette, IN 47905 .....

Citizenship: US .....

Inventor's Signature:   
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: 6/10/04 .....  
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

This declaration is continued on the following sheet, "Continuation of Box No. VIII (iv)".

**Box No. V DESIGNATIONS**

The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents. However,

- DE Germany is not designated for any kind of national protection
- KR Republic of Korea is not designated for any kind of national protection
- RU Russian Federation is not designated for any kind of national protection

(The check-boxes above may be used to exclude (irrevocably) the designations concerned in order to avoid the ceasing of the effect, under the national law, of an earlier national application from which priority is claimed. See the Notes to Box No. V as to the consequences of such national law provisions in these and certain other States.)

**Box No. VI PRIORITY CLAIM**

The priority of the following earlier application(s) is hereby claimed:

Filing date of earlier application (day/month/year)	Number of earlier application	Where earlier application is:		
		national application: country or Member of WTO	regional application: * regional Office	international application: receiving Office
item (1) 25 April 2003	60/456,367	US		
item (2)				
item (3)				

Further priority claims are indicated in the Supplemental Box.

The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of this international application is the receiving Office) identified above as:

all items       item (1)       item (2)       item (3)       other, see Supplemental Box

\* Where the earlier application is an ARIPO application, indicate at least one country party to the Paris Convention for the Protection of Industrial Property or one Member of the World Trade Organization for which that earlier application was filed (Rule 4.10(b)(ii)): . . . . .

**Box No. VII INTERNATIONAL SEARCHING AUTHORITY**

Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used):

ISA / US . . . . .

Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority):

Date (day/month/year)                          Number                          Country (or regional Office)

**Box No. VIII DECLARATIONS**

The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable check-boxes below and indicate in the right column the number of each type of declaration):

Number of declarations

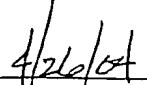
<input type="checkbox"/> Box No. VIII (i)	Declaration as to the identity of the inventor	:	
<input checked="" type="checkbox"/> Box No. VIII (ii)	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	:	1
<input checked="" type="checkbox"/> Box No. VIII (iii)	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	:	1
<input checked="" type="checkbox"/> Box No. VIII (iv)	Declaration of inventorship (only for the purposes of the designation of the United States of America)	:	1
<input type="checkbox"/> Box No. VIII (v)	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	:	

## Box No. IX CHECK LIST; LANGUAGE OF FILING

This international application contains:		This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):		Number of items
(a) in paper form, the following number of sheets:				
request (including declaration sheets)	: 7	<input checked="" type="checkbox"/> fee calculation sheet	: 1	
description (excluding sequence listing and/or tables related thereto)	: 15	<input checked="" type="checkbox"/> original separate power of attorney	: 2	
claims	: 9	<input type="checkbox"/> original general power of attorney	:	
abstract	: 1	<input checked="" type="checkbox"/> copy of general power of attorney; reference number, if any: .....	: 1	
drawings	: 6	<input type="checkbox"/> statement explaining lack of signature	:	
Sub-total number of sheets	: 38 <b>85</b>	<input type="checkbox"/> priority document(s) identified in Box No. VI as item(s): .....	:	
sequence listing	:	<input type="checkbox"/> translation of international application into (language): .....	:	
tables related thereto	:	<input type="checkbox"/> separate indications concerning deposited microorganism or other biological material	:	
(for both, actual number of sheets if filed in paper form, whether or not also filed in computer readable form; see (c) below)		<input type="checkbox"/> sequence listing in computer readable form (indicate type and number of carriers):	:	
Total number of sheets	: 38 <b>85</b>	(i) <input type="checkbox"/> copy submitted for the purposes of international search under Rule 13ter only (and not as part of the international application)	:	
(b) <input type="checkbox"/> only in computer readable form (Section 801(a)(i))		(ii) <input type="checkbox"/> (only where check-box (b)(i) or (c)(i) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Rule 13ter	:	
(i) <input type="checkbox"/> sequence listing		(iii) <input type="checkbox"/> together with relevant statement as to the identity of the copy or copies with the sequence listing mentioned in left column	:	
(ii) <input type="checkbox"/> tables related thereto		10. <input type="checkbox"/> tables in computer readable form related to sequence listing (indicate type and number of carriers)	:	
(c) <input type="checkbox"/> also in computer readable form (Section 801(a)(ii))		(i) <input type="checkbox"/> copy submitted for the purposes of international search under Section 802(b-quarter) only (and not as part of the international application)	:	
(i) <input type="checkbox"/> sequence listing		(ii) <input type="checkbox"/> (only where check-box (b)(ii) or (c)(ii) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Section 302(b-quarter)	:	
(ii) <input type="checkbox"/> tables related thereto		(iii) <input type="checkbox"/> together with relevant statement as to the identity of the copy or copies with the tables mentioned in left column	:	
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the		11. <input checked="" type="checkbox"/> other (specify): PTO Return Receipt Postcard: .....	3	
<input type="checkbox"/> sequence listing: .....		Transmittal Letter		
<input type="checkbox"/> tables related thereto: .....		Check no. 142595 for \$1,814.00		
(additional copies to be indicated under items 9(ii) and/or 10(ii), in right column)				

Figure of the drawings which should accompany the abstract:

Language of filing of the international application: English

Box No. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE  
*Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).*  
DateHYTA, Robert C.; Reg. No. 46,791  
Attorney for Applicant

For receiving Office use only	
1. Date of actual receipt of the purported international application:	2. Drawings: <input type="checkbox"/> received:  <input type="checkbox"/> not received:
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:	
4. Date of timely receipt of the required corrections under PCT Article 11(2):	
5. International Searching Authority (if two or more are competent): ISA /	
6. <input type="checkbox"/> Transmittal of search copy delayed until search fee is paid	

For International Bureau use only

Date of receipt of the record copy by the International Bureau:

**Box No. VIII (ii) DECLARATION: ENTITLEMENT TO APPLY FOR AND BE GRANTED A PATENT**

*The declaration must conform to the standardized wording provided for in Section 212; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (ii). If this Box is not used, this sheet should not be included in the request.*

Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate:

in relation to this international application no. PCT/US04/12849

Griffin Analytical Technologies, Inc. is entitled to apply for and be granted a patent by virtue of the following:

an assignment from:

BARKET, Jr., Dennis, 2306 Ottawa Drive, Lafayette, IN 47906, United States of America,  
dated 10 June 2004 (10.06.04); and

WELLS, J. Mitchell, 3636 Redondo Drive, Lafayette, IN 47905, United States of America,  
dated 10 June 2004 (10.06.04)

to Griffin Analytical Technologies, Inc.

This declaration is made for the purposes of all designations.

This declaration is continued on the following sheet, "Continuation of Box No. VIII (ii)".

**Box No. VIII (iii) DECLARATION: ENTITLEMENT TO CLAIM PRIORITY**

*The declaration must conform to the standardized wording provided for in Section 213; see Notes to Boxes Nos. VIII (i), (ii) & (iv) (in general) and the specific Notes to Box No. VIII (iii). If this Box is not used, this sheet should not be included in the request.*

Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii)):

in relation to this international application no. PCT/US04/12849

Griffin Analytical Technologies, Inc. is entitled to claim priority to earlier application serial no. 60/465,367, filed 25 April 2003 (25.04.03) in the United States of America by virtue of the following:

an assignment from BARKET Jr., Dennis and WELLS, J. Mitchell, dated 10 June 2004 (10.06.04).

This declaration is made for the purposes of all designations, except the designation of the United States of America.

This declaration is continued on the following sheet, "Continuation of Box No. VIII (iii)".

**Box No. VIII (iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States of America)**  
*The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.*

**Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv))  
for the purposes of the designation of the United States of America:**

I hereby declare that I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.

This declaration is directed to the international application of which it forms a part (if filing declaration with application).

This declaration is directed to international application No. PCT/ US04/12849 ..... (if furnishing declaration pursuant to Rule 26ter).

I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.

I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization, day, month and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.

Prior Applications: US Serial No. 60/465,367, filed 25 April 2003 (25.04.03), entitled "Mass Spectrometry Instruments and Methods" .....

I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.

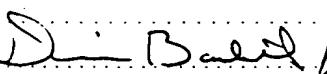
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name: Dennis Barket, Jr. ....

Residence: Lafayette, IN .....  
(city and either US state, if applicable, or country)

Mailing Address: 2306 Ottawa Drive .....  
Lafayette, IN 47906 .....

Citizenship: US .....

Inventor's Signature:  .....  
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

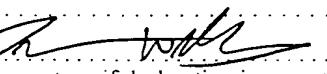
Date: 6/10/04 .....  
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

Name: J. Mitchell Wells .....

Residence: Lafayette, IN .....  
(city and either US state, if applicable, or country)

Mailing Address: 3636 Redondo Drive .....  
Lafayette, IN 47905 .....

Citizenship: US .....

Inventor's Signature:  .....  
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: 6/10/04 .....  
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

This declaration is continued on the following sheet, "Continuation of Box No. VIII (iv)".

# PCT

## POWER OF ATTORNEY (for an international application filed under the Patent Cooperation Treaty) (PCT Rule 90.4)

The undersigned applicant(s) (Names should be indicated as they appear in the request):

BARKET, Jr., Dennis  
2306 Ottawa Drive  
Lafayette, IN 47906

hereby appoints (appoint) the following person as:  agent  common representative

Name and address

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

MATKIN, Mark S., Reg. No. 32,268; MALHOTRA, Deepak, Reg. No. 33,560; HENDRICKSEN, Mark W., Reg. No. 32,356; LATWESEN, David G., Reg. No. 33,533; GRIGEL, George G., Reg. No. 31,166; GRZELAK, Keith D., Reg. No. 37,144; SHAURETTE, James D., Reg. No. 39,833; KENADY, D. Brent, Reg. No. 40,045; LAKE, James E., Reg. No. 44,854; TAYLOR, Jennifer J., Reg. No. 48,711; HYTA, Robert C., Reg. No. 46,791; and KARRA, Satheesh K., Reg. No. 40,246  
Wells, St. John, P.S.  
601 West First Avenue, Suite 1300  
Spokane, WA 99201-3828 USA

to represent the undersigned before

all the competent International Authorities  
 the International Searching Authority only  
 the International Preliminary Examining Authority only

in connection with the international application identified below:

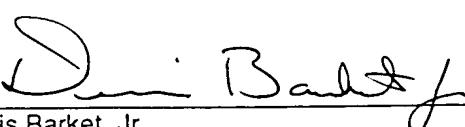
Title of the invention: Mass Spectrometry Instruments and Methods (PCT/US04/12849)

Applicant's or agent's file reference: GR61-014

International application number (if already available):

filed with the following Office US as receiving Office  
and to make or receive payments on behalf of the undersigned.

Signature of the applicant(s) (where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs; if such capacity is not obvious from reading the request or this power):

  
Dennis Barket, Jr.

Date: 7/27/04

# PCT

## POWER OF ATTORNEY (for an international application filed under the Patent Cooperation Treaty) (PCT Rule 90.4)

The undersigned applicant(s) (*Names should be indicated as they appear in the request*):

WELLS, J. Mitchell  
3636 Redondo Drive  
Lafayette, IN 47905

hereby appoints (appoint) the following person as:  agent  common representative

**Name and address**

*(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)*

MATKIN, Mark S., Reg. No. 32,268; MALHOTRA, Deepak, Reg. No. 33,560; HENDRICKSEN, Mark W., Reg. No. 32,356; LATWESEN, David G., Reg. No. 38,533; GRIGEL, George G., Reg. No. 31,166; GRZELAK, Keith D., Reg. No. 37,144; SHAURETTE, James D., Reg. No. 39,833; KENADY, D. Brent, Reg. No. 40,045; LAKE, James E., Reg. No. 44,854; TAYLOR, Jennifer J., Reg. No. 48,711; HYTA, Robert C., Reg. No. 46,791; and KARRA, Satheesh K., Reg. No. 40,246

Wells, St. John, P.S.

601 West First Avenue, Suite 1300  
Spokane, WA 99201-3828 USA

to represent the undersigned before

all the competent International Authorities

the International Searching Authority only

the International Preliminary Examining Authority only

in connection with the international application identified below:

**Title of the invention:** Mass Spectrometry Instruments and Methods (PCT/US04/12849)

**Applicant's or agent's file reference:** GR61-014

**International application number (if already available):**

filed with the following Office US, \_\_\_\_\_ as receiving Office  
and to make or receive payments on behalf of the undersigned.

**Signature of the applicant(s)** (*where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power*):



J. Mitchell Wells

Date: 7/27/04

# PCT

## GENERAL POWER OF ATTORNEY (for several international applications filed under the Patent Cooperation Treaty) (PCT Rule 90.5)

The undersigned person(s) :

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)  
Griffin Analytical Technologies, Inc.  
3000 Kent Avenue  
West Lafayette, IN 47906

hereby appoint(s) the following person as:

agent

common representative

Name and address

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)  
Mark S. Matkin, Reg. No. 32,268; Deepak Malhotra, Reg. No. 33,560; Mark W. Hendrickson, Reg. No. 32,356; David G. Latwesen, Reg. No. 38,533; George G. Grigel, Reg. No. 31,166; Keith D. Grzelak, Reg. No. 37,144; James D. Shaurette, Reg. No. 39,833; D. Brent Kenady, Reg. No. 40,045; James E. Lake, Reg. No. 44,854; Jennifer J. Taylor, Reg. No. 48,711; Robert C. Hyta, Reg. No. 46,791; and Satheesh K. Karra, Reg. No. 40,246  
Wells, St. John, P.S.  
601 West First Avenue, Suite 1300  
Spokane, WA 99201-3828

to represent the undersigned before

all the competent International Authorities

the International Searching Authority only

the International Preliminary Examining Authority only

in connection with any and all international applications filed by the undersigned with the following Office

US

as receiving Office

and to make or receive payments on behalf of the undersigned.

Signature(s) (where there are several persons, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading this power):

Dennis Barket, Jr., Ph.D.  
President, Griffin Analytical Technologies, Inc.

Date: 21/9/04